

THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
MAR 25 2003
GROUP 1700

In re application of: Stefan Uhlenbrock

Art Unit: 1763

Application No. 09/882,515

CERTIFICATE OF MAILING

Filed: June 15, 2001

For: CHEMICAL VAPOR DEPOSITION
METHODS AND APPARATUS

Examiner: Luz L. Alejandro Mulero

Date: March 17, 2003

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on March 17, 2003 as First Class Mail in an envelope addressed to: BOX NON-FEE AMENDMENT, COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Wayne W. Rupert
Wayne W. Rupert
Attorney for Applicant

TRANSMITTAL LETTER

BOX NON-FEE AMENDMENT
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Enclosed is an Amendment for the above application. The fee has been calculated as shown below.

CLAIMS AS AMENDED					
For	No. after amendment	No. paid for previously	Present Extra	Rate	Fee
Total Claims	15	- 28*	= 0	\$18.00	\$ 0.00
Indep. Claims	2	4**	= 0	\$84.00	\$ 0.00
Mult. Dep. Claims Fee (if not previously paid)				\$280.00	
One-month Extension of Time				\$110.00	
Two-month Extension of Time				\$410.00	
Three-month Extension of Time				\$930.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

* greater of twenty or number for which fee has been paid.

** greater of three or number for which fee has been paid.



No additional fee is required.



A Letter to Official Draftsperson and Corrected Drawing are enclosed.



Pay any additional fees that may be required in connection with filing this
ent and any extension of time, or credit any overpayment, to Deposit Account
No. 02-4550. A copy of this sheet is enclosed.

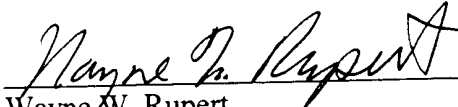


Please return the enclosed postcard to confirm that the items listed above have been
received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By


Wayne W. Rupert
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cc: Docketing

IPF JC109
MAR 24 2003
THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Reference Number 047-59257
Application Number 09/882,515

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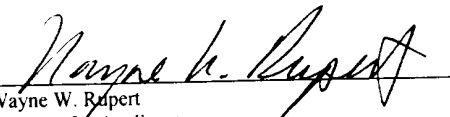
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Wayne W. Rupert
Attorney for Applicant

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COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

HCB
3/28/03
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AMENDMENT AND REPLY TO OFFICE ACTION

This is a reply to a non-final Office Action mailed December 17, 2002. The reply is due March 17, 2003. Reconsideration and withdrawal of the pending rejections is respectfully requested.

In the claims:

Please cancel claims 29, 30, and 33-44.

Please add the following new claim:

57. (New) An apparatus according to claim 31, further comprising:

B1 a first vessel containing a first precursor and a second vessel containing a second precursor, each first and second vessel in fluid communication with the ionic liquid source, the carrier gas source, and the deposition chamber.
